

## Anti mouse PECAM-1 (CD31) (#1D12)

**Description:** This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a rat immunized with mouse endothelial membrane protein. IgG<sub>2a</sub> fraction of the culture supernatant was purified by Protein G affinity chromatography.

|                      |                                    |
|----------------------|------------------------------------|
| <b>Host species</b>  | Rat                                |
| <b>Antigen:</b>      | mouse endothelial membrane protein |
| <b>Purification:</b> | Protein G affinity chromatography  |
| <b>Stabilizer:</b>   | none                               |
| <b>Formulation:</b>  | lyophilized                        |

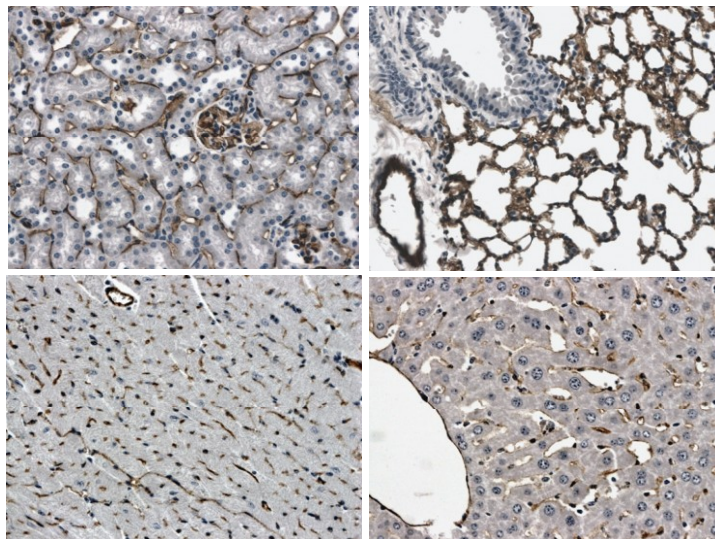
**Formulation and Storage:** The IgG fraction of culture supernatant was purified by Protein G affinity chromatography and lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS). Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C.

**Reconstitution:** Reconstitute the antibody with 400 µl sterile H<sub>2</sub>O and the final concentration is 500µg/ml. Reconstituted antibody can be aliquoted and stored frozen at < -20 for at least for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

### *Application(s)*

**1. Immunohistochemistry (Paraffin):** Yes (1:100-400)

**Optimal dilutions should be determined by each laboratory for each application.**



**PECAM1 (CD31) immunohistochemistry staining of paraffin sections of mouse kidney, lung, heart and liver tissues from LPS exposed animals.**

**Usage:** Anti-mouse CD31 is offered for research use. Not for drug use. **Not for human use!**

**Catalogue number:** 103-M104

**Size:** 200 µg

Literature: Xue Y et al. Proc Natl Acad Sci USA. 2008 Nov 25, 105(47):18513-8.

**\*\*Please note: always centrifuge product before opening vial!\*\***